

## TACOM/TARDEC USER-DEFINED PRODUCT DATA META-DATA ATTRIBUTE LIST

The following hardware mechanical, electrical, and software (1) part, (2) assembly and (3) product structure user-defined metadata attributes shall be permanently incorporated into delivered XXXX (configuration item) technical data packages (part, document, and product structure properties).

### 1.0. Apply To Document

PARAMETER NAME	PARAMETER DESCRIPTION	EXAMPLE
01 DOC_NUMBER	Alphanumeric identifier in drawing number block and or associated product document	12555970
02 DOC_TITLE	Descriptive name of a drawing or document	Lightweight Rifle, Caliber 5.56 mm
03 DOC_TYPE	Type of document : 2-D Drawings, Documents and or 3-D CAD Files (CD default for both 2-D & 3-D CAD types)	CD
04 DOC_NAME	Drawing/Document Name	RIFLE, BOLT, CARRIER, ASSY
05 CAGE_CODE	Original Design Activity CAGE code	19204
06 DESIGN_CONTRACTOR	Original design activity (optional with commercial data, mandatory with Government funded noncommercial or mixed funded product data)	DESIGN INC
07 CONTRACT_NUMBER	Contract #-original design contract	DAAE20-99-C-0001
08 DESIGN_APPROVAL_NAME	Government design engineer approver name.	U. Reddy
09 DRAWING_APPROVAL_NAME	Person who approved the drawing or model. Design contractor checker.	C. Myers
10 REVISION	Revision of current drawing, document or model.	C
11 REV_DATE	Revision date of current drawing, document or model. Design manager sign-off.	2006-06-03
12 ERR_ECP_NUMBER	ECP that caused current revision	G9S3001
13 ERR_DATE	Date current revision released	2006-09-12
14 SOURCE_CONTROL	List of source controlled contractors	Y (Yes or No)
15 DISTRIBUTION_CODE	Technical Distribution Statement Code (DoDD 5230.24)	D
16 DATA_RIGHTS_CODE	Code ID for rights-in-data (see Data Rights Legend below)	U

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17	EXPORT_CONTROL	ITAR Application Requirement	Y (Yes or No)
OP	CURRENT_CAGE_CODE	Current Design Activity CAGE Code (ASME Y14.25M)	19207
OP	CURRENT_DESIGN_NAME	Current Design Activity Name (transfer)	ABC Products

OP=Optional

2.0. Apply To Part

	PARAMETER NAME	PARAMETER DESCRIPTION	EXAMPLE
18	PART_NUMBER	Item part number	12556974
19	NOMENCLATURE	Part name	RIFLE, BOLT, CARRIER, ASSY
20	NSN	National Stock Number (if assigned, type "NONE" otherwise)	1005-01-123-4567
21	CAGE_CODE	Original Design Activity CAGE code	19204
22	DESIGN_CONTRACTOR	Original design contractor (optional with commercial data, mandatory with Government funded noncommercial or mixed funded product data)	DESIGN INC
23	UID_MARKABLE	Application of UID is on part, assembly, or system and referenced on drawing or CAD model	Y (Yes or No)
24	CRITICAL_SAFETY_ITEM	Part Criticality to System Operation	Y (Yes or No)
OP	CURRENT_CAGE_CODE	Current Design Activity CAGE Code (ASME Y14.25M)	19207
OP	CURRENT_DESIGN_NAME	Current Design Activity Name (transfer)	ABC Products

3.0. Apply To File

	AMG PARAMETER	PARAMETER NAME	PARAMETER DESCRIPTION	EXAMPLE
25	EMBEDED IN THE NATIVE CAD FILE SAVE HISTORY	FILE FORMAT _TYPE	For native and neutral Computer Aided Design (CAD) models: Software Name, Version, & Release. In file naming convention.	CATIA_V4.0_R15

## **TACOM/TARDEC USER-DEFINED PRODUCT DATA META-DATA ATTRIBUTE LIST**

**DOCUMENT** = Apply attributes to all native and neutral 2-D engineering drawing, technical document, 3-D CAD model file properties information in the XXXX (configuration item) TDP delivery, and to the weapon system/assembly end-item product structure parameters information within the Contractor's engineering/product data management system for STEP PDM Schema export.

**PART** = Apply attributes to all configuration parts and assemblies in the XXXX (configuration item) weapon system/assembly end-item product structure parameters information within the Contractor's engineering/product data management system for STEP PDM Schema export.

**Calendar Date Convention:** yyyy-mm-dd (year-month-day)

### **Marking Requirements**

All technical data, including software and associated documentation, delivered under this contract shall have affixed the appropriate distribution statement and export control warning required by DoD Directives 5230.9, 5230.24 and 5230.25.

### **Simplified Distribution Codes**

- A (Approved for public release; distribution is unlimited)
- B (Distribution authorized to U.S. Government Agencies only)
- C (Distribution authorized to U.S. Government Agencies and their contractors)
- D (Distribution authorized to the Department of Defense and U.S. DoD contractors only)
- E (Distribution authorized to DoD Components only)
- F (Further dissemination only as directed)
- X (Distribution authorized to U.S. Government Agencies and private individuals or enterprises eligible to obtain export-controlled technical data)

### **Simplified Data Rights Codes**

Data rights concern the ability to modify, reproduce, perform, display, release, or disclose recorded information.

U - Unlimited Rights. All uses for all purposes, Government and Commercial.

G - Government Purpose Rights. All uses, but only for Government purposes.

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L - Limited. Internal Government use for Government purpose with very little else authorized.

R - Restricted Rights. Internal Government use for Government purpose with very little else authorized.

SB - Small Business Innovative Research (SBIR). A special catch-all category (SBIR Rights) and alters the normal use of some of the other legends. When dealing with a SBIR contract, the SBIR data rights clause must be applied.

SL - Special License Rights. As specified by the negotiated contract terms. Often used to alter the default rights under the clauses or agree to an apportionment of rights which does not fit neatly into the default categories. The negotiations must give the Government not less than Limited Rights or Restricted Rights.

### **Document Type Codes**

CD (Computer Aided Design (CAD) Document)  
D1 (Altered Item)  
D7 (Stable Base: Master Pattern)  
DA (Interface Control)  
DC (Installation)  
DD (Inspection)  
DE (Inspection Equipment & Maintenance)  
DG (Envelope)  
DI (Instruction)  
DN (Rework)  
DO (All Kits)

### **Document Type Codes (cont.)**

DP (Product)  
DV (On vehicle Equipment/ Basic Issue Item)  
DX (Source Control)  
DZ (Vendor Item Control)  
ED (List of Equipment - Depot Installed)

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EM (List of Equipment - Manufacturer Installed)  
ET (List of Equipment-Troops Installed)  
IM (Inspection Manual/Standard)  
PD (Packaging Data Sheet)  
PE (Per/Detail Design/Purchase Description)  
QF (Final Inspection Record)  
QP (Inspection Equipment Supply List)  
QS (Supplemental QA Provision)  
SC (Schematic)